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Name of Person Signing Certificate:

Renee Conti

Date

April 20, 2004

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Nanning J. Arfsten

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Conf. No.: 9955

§ Group Art Unit: 2872

§

Appln. No.: 10/616,663

§ Examiner: Michael E. Barr

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Filing Date: July 10, 2003

§ Attorney Docket No.: 275-11U1

§

Title: METHOD OF MAKING STRESS-RESISTANT ANTI-REFLECTION MULTILAYER COATINGS CONTAINING CERIUM OXIDE

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are copies of each of the non-U.S. documents listed on the attached Information Disclosure Citation Form(s) PTO/SB/08A, which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

In accordance with the official waiver posted July 11, 2003, wherein the U.S. Patent and Trademark Office officially waives the requirement under 37 C.F.R. § 1.98(a)(2)(i) for submitting copies of each cited U.S. Patent and U.S. Patent Application Publications with respect to applications filed after June 30, 2003, we have not included copies of such cited U.S. Patent and U.S. Patent Application Publications. However, we will provide copies upon request.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

Also enclosed is our check in the amount of \$180.00 pursuant to 37 C.F.R. §1.97(c)(2)

04/23/2004 FFANAEIA 00000075 10616663

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Also enclosed is our check in the amount of \$180.00 pursuant to 37 C.F.R. §1.97(c)(2) and 37 C.F.R. §1.17(p). The Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017.

It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Form PTO/SB/08A be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed document(s) be cited in the issued patent.

Respectfully submitted,

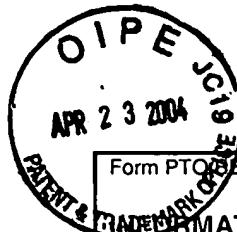
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(Date)


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Enclosures



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Form PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 4

		<i>Complete if Known</i>	
Application Number	10/616,663		
Filing Date	July 10, 2003		
First Named Inventor	Nanning J. Arfsten		
Group Art Unit	2872		
Examiner Name	Michael E. Barr		
Attorney Docket Number	275-11U1		

U.S. PATENT DOCUMENTS

Exr Initials	U.S. Patent Document		Name of First Inventor of Cited Document	Date of Publication of Cited Document MM-YYYY
	Number	Kind Code (if known)		
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	3,415,677		Moser et al.	12-1968
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	JP	02-021858	A	Watanabe Akira et al.	01-1990	
		* English Language Abstract Only				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁
	SCHROEDER, "Oxide Layers Deposited From Organic Solutions," <i>Physics of Thin Films</i> , 5, pp. 87-141, (1969).	
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	PARRAUD, et al., "Stabilization and Characterization of Nanosized Niobium and Tantalum Oxide Sols - Optical Applications For High-Power Laser," <i>J. Am. Ceram. Soc.</i> , 75:8, pp. 2289-2292, (1992).	
Examiner Signature	Date Considered	

T₁ - Place a check mark if complete document is in English; otherwise, place a letter "A" if only an English abstract is attached.

Form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
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		Examiner Name	Michael E. Barr
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		Attorney Docket Number	275-11U1

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	FR	2 730 990		Anderson et al.	08-1996	

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	SEMPERE, et al., "SiO ₂ -Nb ₂ O ₅ Thin Films Using Sol-Gel Technology," <i>J. Non-Crystalline Solids</i> , Vol. 147-148, pp. 499-502, (1992).			
	ÖZER, et al., "Optical and Electrochemical Characteristics of Niobium Oxide Films Prepared by Sol-Gel Process and Magnetron Sputtering A Comparison," <i>Solar Energy Materials and Solar Cells</i> , Vol. 40, pp. 285-296, (1996).			
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Examiner Signature		Date Considered
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	EP	0 728 712	B1	Anderson et al. 04-2000
	** Claims Only			

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	GREISMAR, et al., "Sol-Gel Route to Niobium Pentoxide," <i>Chem. Mater.</i> , Vol. 3, pp. 335-339, (1991).			
	OHTANI, et al., "Electrochromism of Niobium Oxide Thin Films Prepared by the Sol-Gel Process," <i>J. Electrochem. Soc.</i> , 141:9, pp. 2439-2442, (1994).			
	HERRMANN, "Quarterwave Layers: Simulation by Three Thin Layers of Two Materials," <i>Applied Optics</i> , 24:8, pp. 1183-1188, (1985).			

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